
WMAP Cosmological Parameters

Model: lcdm+nrel

Data: wmap9+snls3+bao

$10^9 \Delta_{\mathcal{R}}^2$	2.395 ± 0.092	H_0	$77.6^{+9.4}_{-8.8}$ km/s/Mpc
N_{eff}	$5.2^{+2.4}_{-2.2}$	$\ell(\ell + 1)C_{220}/(2\pi)$	5738 ± 33 μK^2
$d_A(z_{\text{eq}})$	12795^{+1395}_{-1448} Mpc	$d_A(z_*)$	12647^{+1376}_{-1429} Mpc
$D_v(z = 0.57)/r_s(z_d)$	13.45 ± 0.12		$0.0000000000618 \pm 0.000000000012$
η	$(6.18 \pm 0.12) \times 10^{-10}$	k_{eq}	$0.0112^{+0.0012}_{-0.0011}$
ℓ_{eq}	139.8 ± 2.2	ℓ_*	304.1 ± 1.7
n_b	$(2.538 \pm 0.050) \times 10^{-7}$ cm $^{-3}$	n_s	0.991 ± 0.025
Ω_b	$0.0389^{+0.0087}_{-0.0089}$	$\Omega_b h^2$	0.02260 ± 0.00045
Ω_c	0.248 ± 0.011	$\Omega_c h^2$	$0.152^{+0.040}_{-0.037}$
Ω_Λ	0.713 ± 0.011	Ω_m	0.287 ± 0.011
$\Omega_m h^2$	$0.174^{+0.040}_{-0.037}$	$r_s(z_d)$	137 ± 16 Mpc
$r_s(z_d)/D_v(z = 0.106)$	$0.3404^{+0.0046}_{-0.0045}$	$r_s(z_d)/D_v(z = 0.2)$	0.1860 ± 0.0023
$r_s(z_d)/D_v(z = 0.35)$	0.1119 ± 0.0012	$r_s(z_d)/D_v(z = 0.44)$	$0.09188^{+0.00094}_{-0.00093}$
$r_s(z_d)/D_v(z = 0.54)$	0.07764 ± 0.00073	$r_s(z_d)/D_v(z = 0.57)$	0.07437 ± 0.00068
$r_s(z_d)/D_v(z = 0.6)$	0.07144 ± 0.00064	$r_s(z_d)/D_v(z = 0.73)$	0.06161 ± 0.00050
$r_s(z_*)$	131 ± 15	R	1.7331 ± 0.0067
σ_8	$0.899^{+0.077}_{-0.075}$	α_{SNLS}	1.43 ± 0.11
β_{SNLS}	3.26 ± 0.11	A_{SZ}	$0.94^{+0.69}_{-0.94}$
t_0	12.4 ± 1.4 Gyr	τ	0.087 ± 0.013
θ_*	$0.010331^{+0.000058}_{-0.000057}$	θ_*	0.5919 ± 0.0033 $^\circ$
τ_{rec}	255^{+29}_{-30}	t_{reion}	376 ± 96 Myr
t_*	336637^{+38772}_{-40207} yr	z_d	$1022.4^{+1.9}_{-2.0}$
z_{eq}	3252^{+81}_{-80}	z_{rec}	$1091.2^{+3.1}_{-3.0}$
z_{reion}	11.4 ± 1.5	z_*	$1094.0^{+3.0}_{-2.8}$